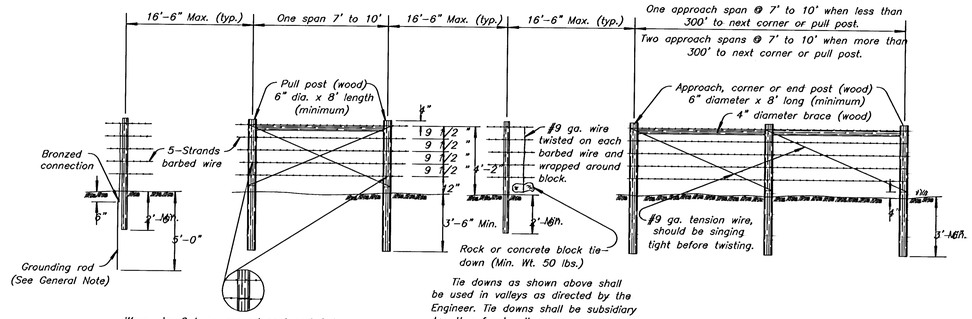
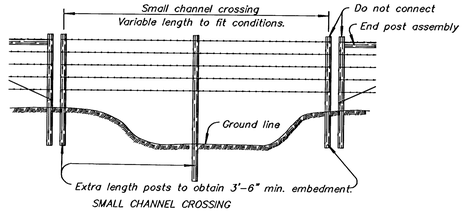


Wrap wire 2 turns around post and 6 turns back on itself at alternate wires and posts.

Tie downs as shown above shall be used in valleys as directed by the Engineer. Tie downs shall be subsidiary to other fencing items.

BARBED WIRE FENCE



SMALL CHANNEL CROSSING

The above sketch is typical only and can be varied to fit existing conditions. Small channel crossings shall be included in lin. ft. of fence. All extra materials and labor within the small channel crossing shall be subsidiary to lin. ft. of fence.

GENERAL NOTE

Wood posts and braces shall be given a preservative treatment as provided in the K.D.O.T. Standard Specifications.

Both ends of all wood posts shall be cut normal to the axis of the post. Pointed posts will not be permitted.

Wood corner, end, pull and approach posts shall be notched to support ends of wood braces. Wood braces shall be toenailed to the posts with 2-10d nails in each end of the brace.

When wood posts are used, both ends of all tension wires shall be wrapped around the posts twice and stapled in place.

When wood posts are used the fence shall be grounded by a 5/8" diameter galvanized or copper coated rod five feet long, driven vertically until the top is six inches below the ground surface. A #6 solid copper conductor shall be securely fastened to each element of the fence by use of clamps or other suitable device. Grounding rod shall be installed at intervals of 175' maximum.

In lieu of using the galvanized or copper coated rod as described above the contractor may, at his option, use a steel line post at intervals not to exceed each eighth post.

The galvanized or copper coated rod shall be used where power lines pass over the fence.

All steel posts, braces, fittings, and gate frames shall be galvanized and/or coated in accordance with KDOT Standard Spec.

Steel posts shall be provided with fasteners to prevent slippage

Outside diameters shown for tubular steel posts, bracing and gate frames are nominal. Weight tolerances shall be as shown in the K.D.O.T. Standard Specifications.

Posts may be set by driving or digging. If by digging, the posts shall be set in the center of the hole and the soil tamped securely

Pull post assembly shall be used at sharp breaks in vertical grade or at approximately 330' centers (Woven & Chain link) or 1320' centers (Barbed wire) on straight runs or as directed by the Engineer.

Concrete used in fence installation shall conform to the requirements of the K.D.O.T. Standard Specifications.

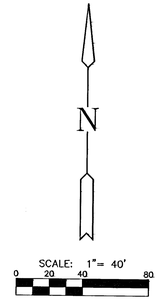
Woven wire, chain link fabric, barbed wire and tension wire shall be either zinc coated (galvanized) or aluminum coated.

Minimum strength of barbed wire and tension wire shall be as provided in the K.D.O.T. Standard Specifications.

Use #9 gauge galvanized staples 1 1/2" to 1 3/4" long, or #9 gauge galvanized Ring-shank staples 1 1/2 " to 1 3/4 " long.

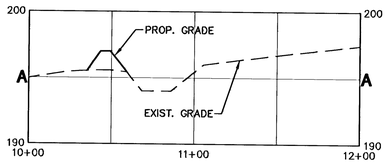
Alternate gate designs may be submitted for approval. Lighter weight materials will not be approved.

Padlocks for gates shall be furnished by the State.

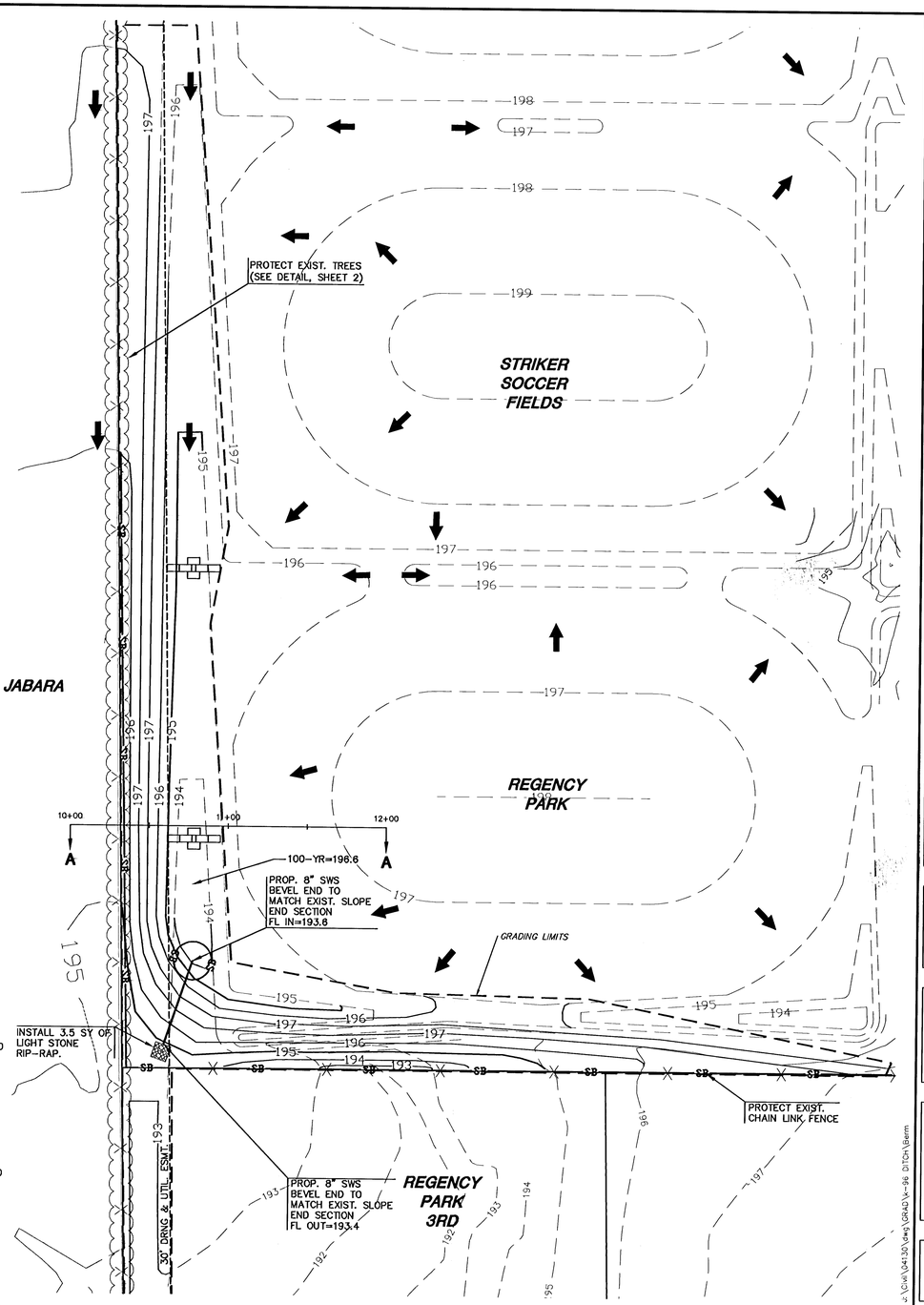


LEGEND

- = FLOW ARROW
- = EXISTING STORM SEWER
- = EXISTING FENCE
- = EXISTING HEDGE ROW
- SB = SILT FENCE BARRIER
- = HAY BILE CONTROL



SECTION A-A
CROSS SECTION



MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

GRADING PLANS FOR
REGENCY PARK 3RD ADDITION
WICHITA, KS

SOCCER GRADING
SHEET TITLE

4130
PROJECT NUMBER

AJK
DESIGN BY

KWS
DRAWN BY

SRS
CHECKED BY

ISSUED
JUNE 2006
REVISED

SHEET NO.
3 of 10

PLOTTED: Tuesday, June 20, 2006 @ 03:02PM
J:\Civil\04130\Grad\GRADing-Plan.DWG